AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Amend four paragraphs beginning on page 3, line 9 as follows:

[0006] To solve the above-mentioned problems, an optical fiber wiring method of the invention

according to Claim 1 a first aspect is featured in comprising the steps of feeding an optical fiber to

pass through an adhesive ejecting nozzle having an inner diameter larger than an outer diameter of

the optical fiber, to thereby obtain the optical fiber coated with the adhesive on a fiber surface, and

forming optical wiring on a substrate by using the adhesive-coated optical fiber. Also, the

invention according to Claim 2 a second aspect is featured in that the optical wiring is formed on

the substrate by moving the substrate and the nozzle relative to each other. The invention

according to Claim 3 a third aspect is featured in moving the nozzle with the substrate held fixed,

and the invention according to Claim 4 a fourth aspect is featured in moving the substrate with the

nozzle held fixed.

[0007] Thus, in the inventions according to Claims 1 to 4 first to fourth aspects, the nozzle

constituting a liquid material ejecting unit and/or a movable stage can be moved in accordance

with an instruction from a controller. When only the nozzle is moved, the optical wiring can be

formed in the X-axis direction, and when only the movable stage is moved, the optical wiring can

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be formed in the Y-axis direction. Also, when the nozzle and the movable stage are moved relative

to each other, the optical wiring can be formed in an inclined line or a circular-arc line.

[0008] The invention according to Claim 5 a fifth aspect is featured, in the invention according to

any one of Claims 1 to 4 the first to fourth aspects, in that the optical fiber is a polymer optical fiber.

Further, the invention according to Claim 6 a sixth aspect is featured, in the invention according

to any one of Claims 1-to 5 the first to fifth aspects, in that the adhesive is of the type being

hardened with irradiation of an ultraviolet ray, and the optical wiring is formed on the substrate by

irradiating an ultraviolet ray after the optical fiber coated with the adhesive on the fiber surface has

been wired on the substrate.

[0009] In addition, to solve the above-mentioned problems, an optical fiber wiring apparatus

according to Claim 7 a seventh aspect is featured in comprising a liquid material ejecting unit

provided with a liquid material ejecting nozzle having an inner diameter larger than an outer

diameter of an optical fiber and allowing the optical fiber and the adhesive to be simultaneously fed

through the nozzle, and a stage for supporting a substrate on which the optical fiber is to be wired,

wherein the liquid material ejecting unit and the stage are movable relative to each other. Also, the

invention according to Claim 8 an eighth aspect is featured in that the stage for supporting the

substrate is fixed and the nozzle is movable to form optical wiring on the substrate with the relative

movement. The invention according to Claim 9 a ninth aspect is featured in that the nozzle is fixed

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and the stage for supporting the substrate is movable to form optical wiring on the substrate with

the relative movement. Further, the invention according to Claim 10 a tenth aspect is featured in

that the adhesive is of the type being hardened with irradiation of an ultraviolet ray, and the

apparatus further comprises an ultraviolet ray irradiation unit for irradiating an ultraviolet ray to

harden the adhesive after the optical fiber coated with the adhesive on the fiber surface has been

wired on the substrate.

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